



## Press release

### **SES's C-band Satellite Successfully Launched Onboard SpaceX Rocket**

*First SES C-band satellite dedicated to freeing up lower 300 MHz of C-band spectrum will ensure SES can continue providing video and data services to its customers while enabling wireless operators to quickly deploy 5G services across the US*

Cape Canaveral, June 29, 2022 – SES announced today that the SES-22 satellite was successfully launched into space onboard a SpaceX Falcon 9 rocket from SpaceX's Space Launch Complex 40 at Cape Canaveral Space Force Station in Florida, United States, at 5:04 pm local time.

The first of SES's C-band satellites dedicated to freeing up the lower 300 MHz of C-band spectrum is built by Thales Alenia Space, and will operate in the 135 degrees West orbital slot. It will deliver TV and radio to millions of American homes and provide other critical data transmission services. SES-22 is expected to start operations by early August 2022.

The launch of SES-22 is part of a broader Federal Communications Commission (FCC) program to clear a portion of C-band spectrum to enable wireless operators to deploy 5G services across the contiguous US (CONUS). In response to a mandate from the FCC, satellite operators such as SES are required to transition their existing services from the lower 300 MHz to the upper 200 MHz of C-band spectrum to make room for 5G.

To meet the FCC's accelerated deadline of clearing C-band spectrum across the US by December 2023 while maintaining uninterrupted services, SES will launch five satellites – SES-18, SES-19, SES-20, SES-21 and SES-22 in 2022.

"We are thrilled with the successful launch of SES-22, thanks to our partners at Thales Alenia Space and SpaceX," said Steve Collar, CEO of SES. "The launch of SES-22, together with other upcoming C-band satellite launches scheduled this year, will enable us to continue providing the high-quality services that our customers have been accustomed to over the last several decades, while freeing up spectrum that will enable the US to rapidly unlock the promise of 5G."

"The successful launch of SES 22 is the result of our long-standing and fruitful collaboration with SES," said Hervé Derrey, President and CEO of Thales Alenia Space. "This achievement reflects the robustness and flight-proven heritage of our Spacebus 4000 B2 platform combined with our ability to timely and quickly deliver SES-22, two key elements leading to the decision of SES working with us to replace its existing C-Band fleet."



The SES-22 spacecraft had a fast on-ground delivery time as satellite manufacturer Thales Alenia Space shipped it only 22 months after it was ordered. SES-22 is the seventh SES satellite launched by SpaceX over the last 10 years.

More information of SES-22 and other C-band satellites available [here](#).

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**About SES**

SES has a bold vision to deliver amazing experiences everywhere on earth by distributing the highest quality video content and providing seamless connectivity around the world. As the leader in global content connectivity solutions, SES operates the world's only multi-orbit constellation of satellites with the unique combination of global coverage and high performance, including the commercially-proven, low-latency Medium Earth Orbit O3b system. By leveraging a vast and intelligent, cloud-enabled network, SES is able to deliver high-quality connectivity solutions anywhere on land, at sea or in the air, and is a trusted partner to the world's leading telecommunications companies, mobile network operators, governments, connectivity and cloud service providers, broadcasters, video platform operators and content owners. SES's video network carries ~8,200 channels and has an unparalleled reach of 366 million households, delivering managed media services for both linear and non-linear content. The company is listed on Paris and Luxembourg stock exchanges (Ticker: SESG). Further information is available at: [www.ses.com](http://www.ses.com).

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**About Thales Alenia Space**



Drawing on over 40 years of experience and a unique combination of skills, expertise and cultures, Thales Alenia Space delivers cost-effective solutions for telecommunications, navigation, Earth observation, environmental management, exploration, science and orbital infrastructures. Governments and private industry alike count on Thales Alenia Space to design satellite-based systems that provide anytime, anywhere connections and positioning, monitor our planet, enhance management of its resources, and explore our Solar System and beyond. Thales Alenia Space sees space as a new horizon, helping to build a better, more sustainable life on Earth. A joint venture between Thales (67%) and Leonardo (33%), Thales Alenia Space also teams up with Telespazio to form the parent companies' Space Alliance, which offers a complete range of services. Thales Alenia Space posted consolidated revenues of approximately 2.15 billion euros in 2021 and has around 8,900 employees in 10 countries with 17 sites in Europe and a plant in the US.

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